

[CARD CONNECTOR WITH REINFORCING STRUCTURE]

Abstract

A card connector (200) with a reinforcing structure (230) is provided for used in a handheld device. The card connector can mate with an elongated expansion card (10) which when inserted into the card connector has a portion located outside the handheld device. The card connector comprises an insulated main body (210) and a plurality of terminals (220) fixed to the main body. The terminals are used for electrically connecting the elongated expansion card with a printed circuit board (20) on which the card connector is mounted. The reinforcing structure (230) is formed from highly rigid material or high molecular weight polymer. The reinforcing structure strengthens the card connector against any external force resulting from subjecting the elongated expansion card to an external force, whereby the electrical connection between the terminals and printed circuit board will not break due to the external force.